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November 21, 2003

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Art Unit 1645

Re: U.S. Utility Patent Application
Application No. 10/622,124; Filed: July 18, 2003
For: **Ghrelin-Carrier Conjugates**
Inventors: BACHMANN *et al.*
Our Ref: 1700.0340001/BJD/SJE

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Second Supplemental Information Disclosure Statement;
2. Form PTO-1449 (50 sheets citing 171 documents);
3. 164 documents cited in Form PTO-1449 attached (exclusive of documents AK2 to AF3); and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
November 21, 2003
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Brian J. Del Buono
Attorney for Applicants
Registration No. 42,473

BJD/SJE/lam
Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BACHMANN *et al.*

Appl. No. 10/622,124

Filed: July 18, 2003

For: **Ghrelin-Carrier Conjugates**

Confirmation No.: 3313

Art Unit: 1645

Examiner: *To be assigned*

Atty. Docket: 1700.0340001/BJD/SJE

Second Supplemental Information Disclosure Statement

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Second Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' First Information Disclosure Statement filed September 29, 2003. A copy of documents **AO5** to **AM8** and **AR95** to **AT144** is provided.

Copies of documents **AK2** to **AF3** are not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "[t]he Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003."

The Examiner is referred to the following list of related, co-pending patent applications:

U.S. Patent Application No. 10/289,454, filed November 7, 2002, inventors Bachmann *et al.*, Pub. No. 2003/0157479 A1, listed herewith as Document **AK2**; which is of related subject matter to International Application PCT/IB99/01925, filed November 30, 1999 and published as WO 00/32227 on June 8, 2000, listed in Applicants' Information Disclosure Statement as document **AP1** ;

U.S. Patent Application No. 10/050,898, filed January 18, 2002, inventors Renner *et al.*, Pub. No. 2003/0175711 A1, listed herewith as Document **AA3**;

U.S. Patent Application No. 10/050,902, filed January 18, 2002, inventors Renner *et al.*, Pub. No. 2003/0175290 A1, listed herewith as Document **AB3**; which is of related subject matter to International Application PCT/IB02/00166, filed January 21, 2002, and published as WO 02/056905 on June 8, 2000, submitted herewith as document **AM8**;

U.S. Patent Application No. 10/264,267, filed October 4, 2002, inventor Bachmann, M, submitted herewith as Document **AR128**;

U.S. Patent Application No. 10/289,456, filed November 7, 2002, inventors Bachmann *et al.*, submitted herewith as Document **AS128**;

U.S. Patent Application No. 10/617,876, filed July 14, 2003, inventors Bachmann *et al.*, submitted herewith as Document **AT128**;

U.S. Patent Application No. 10/346,190, filed January 17, 2003, inventors Bachmann *et al.*, submitted herewith as Document **AR129**;

U.S. Patent Application No. 10/622,064, filed July 18, 2003, inventors Bachmann *et al.*, submitted herewith as Document **AS129**;

U.S. Patent Application No. 10/622,087, filed July 18, 2003, inventors Bachmann *et al.*, submitted herewith as Document **AT129**.

The identification of these U.S. Patent Applications is not to be construed as a waiver of secrecy as to these applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following concise explanation of the relevance of the non-English language documents **AO5** and **AL7** cited on Form PTO-1449:

Document **AO5**, EP 0 201 416 B1, is in the French language. The relevance of Document **AO5** can be ascertained by reference to the English language claims appearing therein, and an unverified English language abstract attached as Document **AS143**;

Document **AL7**, WO 00/00462 A1, is in the French language. The relevance of Document **AL7** can be ascertained by reference to the English language abstract appearing therein, and an unverified English language abstract attached as Document **AT143**.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

This Second Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Brian J. Del Buono
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Date: Nov. 21, 2003

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FORM PTO-1449 <u>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1700.0340001/BJD/SJE	APPLICATION NO. 10/622,124	
		APPLICANT BACHMANN et al.		
		FILING DATE July 18, 2003	GROUP 1645	

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
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	AE						
	AF						
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	AJ						
AK2	2003/0157479 A1	08/21/2003	Bachmann et al.				11/07/2002

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
<i>e</i> /	AOS	EP 0 201 416 B1	11/12/1986	Europe			X Yes No
<i>e</i> /	AP5	GB 2 220 211 A	01/04/1990	Great Britain			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>95</u>	NCBI Entrez, GenBank Report, Accession No. P03153, from Seeger, C., et al. (January 1990)
AS	<u>95</u>	NCBI Entrez, GenBank Report, Accession No. X59397, from Jordan, C.T., et al. (November 1991)
AT	<u>95</u>	NCBI Entrez, GenBank Report, Accession No. 711678A, from Shipolini, R.A., et al. (July 1992)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	2003/0175711 A1	09/08/2003	Renner et al.			01/18/2002
	AB3	2003/0175290 A1	09/18/2003	Renner et al.			01/18/2002
	AC3	4,918,166	04/17/1990	Kingsman et al.			10/26/1987
	AD3	5,057,540	10/15/1991	Kensil et al.			08/27/1990
	AE3	5,939,598	08/17/1999	Kucherlapati et al.			07/30/1992
	AF3	6,420,521 B1	07/16/2002	Sheppard et al.			06/30/2000
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
✓	AL6	EP 0 421 635 B1	04/10/1991	Europe			Yes No
✓	AM6	WO 92/13081 A1	08/06/1992	WIPO			Yes No
✓	AN6	EP 0 677 111 B1	10/18/1995	Europe			Yes No
✓	AO6	WO 96/30523 A3	10/03/1996	WIPO			Yes No
✓	AP6	WO 98/42840 A1	10/01/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>96</u>	NCBI Entrez, GenBank Report, Accession No. M27603, from Orndorff, P.E., and Falkow, S. (April 1993)
AS	<u>96</u>	NCBI Entrez, GenBank Report, Accession No. M20706, from Nassal M. (April 1993)
AT	<u>96</u>	NCBI Entrez, GenBank Report, Accession No. AAA37490, from Rouvier E. (July 1993)

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FOREIGN PATENT DOCUMENTS

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<i>e</i>	AL7	WO 00/00462 A1	01/06/2000	WIPO			X Yes No
<i>e</i>	AM7	WO 00/32227 A3	06/08/2000	WIPO			Yes No
<i>e</i>	AN7	WO 01/77158 A1	10/18/2001	WIPO			Yes No
<i>e</i>	AO7	WO 01/85208 A3	11/15/2001	WIPO			Yes No
<i>e</i>	AP7	WO 01/98333 A2 & A3	12/27/2001	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>97</u>	NCBI Entrez, GenBank Report, Accession No. M90520, from Kew, M.C., et al. (August 1993)
AS	<u>97</u>	NCBI Entrez, GenBank Report, Accession No. X00981, from Klemm, P. (September 1993)
AT	<u>97</u>	NCBI Entrez, GenBank Report, Accession No. VCBPQB, from Maita, T., and Konigsberg, W. (December 1993)

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FORM PTO-1449

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INFORMATION DISCLOSURE STATEMENT
ATTY. DOCKET NO.
1700.0340001/BJD/SJEAPPLICATION NO.
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AB8	WO 02/14478 A2	02/21/2002	WIPO			Yes No
	AM8	WO 02/056905 A2	07/25/2002	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>98</u>	NCBI Entrez, GenBank Report, Accession No. AAA16663, from Kozlovska, T.M., et al. (March 1994)
AS	<u>98</u>	NCBI Entrez, GenBank Report, Accession No. X02514, from Yanisch-Perron, C., et al. (May 1994)
AT	<u>98</u>	NCBI Entrez, GenBank Report, Accession No. X85256, from Lai, M.E., et al. (April 1995)

EXAMINER

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>99</u>	NCBI Entrez, GenBank Report, Accession No. X85259, from Lai, M.E., et al., (April 1995)
AS	<u>99</u>	NCBI Entrez, GenBank Report, Accession No. X85260, from Lai, M.E., et al. (April 1995)
AT	<u>99</u>	NCBI Entrez, GenBank Report, Accession No. X85272, from Lai, M.E., et al. (April 1995)

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	AL						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>100</u>	NCBI Entrez, GenBank Report, Accession No. X85275, from Lai, M.E., et al. (April 1995)
AS	<u>100</u>	NCBI Entrez, GenBank Report, Accession No. X85284, from Lai, M.E., et al. (April 1995)
AT	<u>100</u>	NCBI Entrez, GenBank Report, Accession No. X85285, from Lai, M.E., et al. (April 1995)

EXAMINER

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>101</u>	NCBI Entrez, GenBank Report, Accession No. X85286, from Lai, M.E., et al. (April 1995)
AS	<u>101</u>	NCBI Entrez, GenBank Report, Accession No. X85287, from Lai, M.E., et al. (April 1995)
AT	<u>101</u>	NCBI Entrez, GenBank Report, Accession No. X85291, from Lai, M.E., et al. (April 1995)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85293, from Lai, M.E., et al. (April 1995)
AS	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85295, from Lai, M.E., et al. (April 1995)
AT	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85296, from Lai, M.E., et al. (April 1995)

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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85297, from Lai, M.E., et al. (April 1995)
AS	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85298, from Lai, M.E., et al. (April 1995)
AT	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85299, from Lai, M.E., et al. (April 1995)

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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>104</u>	NCBI Entrez, GenBank Report, Accession No. X85301, from Lai, M.E., et al. (April 1995)
	AS	<u>104</u>	NCBI Entrez, GenBank Report, Accession No. X85302, from Lai, M.E., et al. (April 1995)
	AT	<u>104</u>	NCBI Entrez, GenBank Report, Accession No. X85303, from Lai, M.E., et al. (April 1995)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85305, from Lai, M.E., et al. (April 1995)
AS	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85307, from Lai, M.E., et al. (April 1995)
AT	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85311, from Lai, M.E., et al. (April 1995)

EXAMINER	DATE CONSIDERED
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85314, from Lai, M.E., et al. (April 1995)
AS	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85315, from Lai, M.E., et al. (April 1995)
AT	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85316, from Lai, M.E., et al. (April 1995)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>107</u>	NCBI Entrez, GenBank Report, Accession No. X85317, from Lai, M.E., et al. (April 1995)
	AS	<u>107</u>	NCBI Entrez, GenBank Report, Accession No. X85319, from Lai, M.E., et al. (April 1995)
	AT	<u>107</u>	NCBI Entrez, GenBank Report, Accession No. X80925, from Karayiannis, P. (December 1995)

EXAMINER

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>108</u>	NCBI Entrez, GenBank Report, Accession No. AAC50341, from Yao, Z., et al. (January 1996)
AS	<u>108</u>	NCBI Entrez, GenBank Report, Accession No. X72702, from Preisler-Adams, S., et al. (February 1996)
AT	<u>108</u>	NCBI Entrez, GenBank Report, Accession No. VCBPR7, from Weber, K., et al. (April 1996)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. 1604193A, from Gomez, F., et al. (October 1996)				
	AS	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. B56338, from Hoffman, D.R. (May 1997)				
	AT	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. U95551, from Rao, B.S., et al. (June 1997)				
EXAMINER					DATE CONSIDERED		
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>110</u>	NCBI Entrez, GenBank Report, Accession No. S14764, from Vandermeers, A., et al. (October 1997)
AS	<u>110</u>	NCBI Entrez, GenBank Report, Accession No. P03611, from Weber, K., et al. (November 1997)
AT	<u>110</u>	NCBI Entrez, GenBank Report, Accession No. AAC14699, from Beekwilder, M.J., et al. (April 1998)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>111</u>	NCBI Entrez, GenBank Report, Accession No. AAC14704, from Beekwilder, M.J., et al. (April 1998)
AS	<u>111</u>	NCBI Entrez, GenBank Report, Accession No. AF043593, from Gunther, S., et al. (May 1998)
AT	<u>111</u>	NCBI Entrez, GenBank Report, Accession No. 1POC, from Scott, D.L., et al. (September 1998)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. CAA30374, from Inokuchi, Y., et al. (February 1999)
AS	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. X02496, from Bichko, V., et al. (April 1999)
AT	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. MFIV62, from Cox, N.J., et al. (July 1999)

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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1700.0340001/BJD/SJE		APPLICATION NO. 10/622,124		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. VCBPFR, from Wittmann-Liebold, B., et al. (July 1999)				
	AS	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. A59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)				
	AT	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. B59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)				
EXAMINER					DATE CONSIDERED		
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>114</u>	NCBI Entrez, GenBank Report, Accession No. AF051814, from Boyd, E.F., and Hartl, D.L. (September 1999)
AS	<u>114</u>	NCBI Entrez, GenBank Report, Accession No. AF051815, from Boyd, E.F., and Hartl, D.L. (September 1999)
AT	<u>114</u>	NCBI Entrez, GenBank Report, Accession No. AF110999, from Chang, S.F., et al. (October 1999)

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			APPLICANT BACHMANN et al.	
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AB033559, from Okamoto, H., et al. (October 1999)
AS	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AB010289, from Koseki, T., et al. (December 1999)
AT	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AJ132364, from Graupner, S., et al. (April 2000)

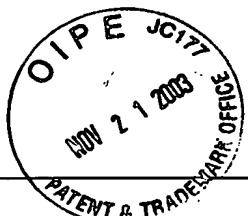
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. AF237482, from Johnson, J.R., et al. (May 2000)				
	AS	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. M32138, from Tong, S.P., et al. (July 2000)				
	AT	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. AF229646, from Skerker, J.M., and Shapiro, L. (August 2000)				
EXAMINER					DATE CONSIDERED		
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. M95589, from Shi, H., et al. (January 2001)
AS	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. VCBPM2, from Min Jou, W., et al. (January 2001)
AT	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. AF323080, from Steppan, C.M., et al. (January 2001)

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	AN						Yes No
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	AP						Yes No

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AR	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. AF323081, from Steppan, C.M., et al. (January 2001)
AS	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. U14003, from Plunkett, G., III, et al. (January 2001)
AT	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. AF121239, from Hannoun, C., et al. (February 2001)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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AR	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. AF121240, from Hannoun, C., et al. (February 2001)
AS	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. AF121242, from Hannoun, C., et al. (February 2001)
AT	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. X59795, from Lai, M.E., et al. (March 2001)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. X65257, from Lai, M.E., et al. (March 2001)
	AS	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. X65258, from Lai, M.E., et al. (March 2001)
	AT	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. AF151735, from Gerner, P., et al. (April 2001)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>121</u>	NCBI Entrez, GenBank Report, Accession No. AJ000636, from Gousset, N., et al. (November 2001)
AS	<u>121</u>	NCBI Entrez, GenBank Report, Accession No. AAB59424, from Kenten, J.H., et al. (February 2002)
AT	<u>121</u>	NCBI Entrez, GenBank Report, Accession No. AAC06250, from Beekwilder, M.J., et al. (March 2002)

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U.S. PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>122</u>	NCBI Entrez, GenBank Report, Accession No. L09137, from Yanisch-Perron, C., et al. (May 2002)
AS	<u>122</u>	NCBI Entrez, GenBank Report, Accession No. O09006, from Hromas, R., et al. (June 2002)
AT	<u>122</u>	NCBI Entrez, GenBank Report, Accession No. P40224, from Nagasawa, T., et al. (June 2002)

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P34884, from Bernhagen, J., et al. (June 2002)
AS	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P06821, from Winter, G., et al. (June 2002)
AT	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P30904, from Sakai, M., et al. (June 2002)

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	AP						Yes No

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	AR	<u>124</u>	NCBI Entrez, GenBank Report, Accession No. NP_040754, from Inokuchi, Y., et al. (June 2003)
	AS	<u>124</u>	NCBI Entrez, GenBank Report, Accession No. NP_061354, from Ishikawa, S., et al. (September 2003)
	AT	<u>124</u>	NCBI Entrez, GenBank Report, Accession No. NP_031804, from Lenda, D.M., et al. (September 2003)

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	AP						Yes No

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AR	<u>125</u>	NCBI Entrez, GenBank Report, Accession No. NP_006410, from Luther, S.A., et al. (September 2003)
AS	<u>125</u>	NCBI Entrez, GenBank Report, Accession No. NP_000748, from Yao, G.Q., et al. (September 2003)
AT	<u>125</u>	NCBI Entrez, GenBank Report, Accession No. P03069, from Hinnebusch, A.G., et al. (September 2003)

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AR	<u>126</u>	NCBI Entrez, GenBank Report, Accession No. 000585, from Hromas, R., et al. (September 2003)
AS	<u>126</u>	NCBI Entrez, GenBank Report, Accession No. P14174, from Weiser, W.Y., et al. (September 2003)
AT	<u>126</u>	NCBI Entrez, GenBank Report, Accession No. P48061, from Spotila, L.D., et al. (September 2003)

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AR	<u>127</u>	NCBI Entrez, GenBank Report, Accession No. P80003, from Vandermeers, A., et al. (September 2003)
AS	<u>127</u>	Swiss-Prot/TrEMBL, TN11_Mouse, Primary Accession No. O35235, entered in Swiss-Prot in October 2001
AT	<u>127</u>	Swiss-Prot/TrEMBL, TN11_Human, Primary Accession No. O14788, entered in Swiss-Prot in October 2001

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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1700.0340001/BJD/SJE	APPLICATION NO. 10/622,124
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>128</u>	Copy of co-pending U.S. application 10/264,267, inventors Bachmann, M., filed October 4, 2002 (NOT PUBLISHED)
AS	<u>128</u>	Copy of co-pending U.S. application 10/289,456, inventors Bachmann et al., filed November 7, 2002 (NOT PUBLISHED)
AT	<u>128</u>	Copy of co-pending U.S. application 10/617,876, inventors Bachmann et al., filed July 14, 2003 (NOT PUBLISHED)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>129</u>	Copy of co-pending U.S. application 10/346,190, inventors Bachmann et al., filed January 17, 2003 (NOT PUBLISHED)
AS	<u>129</u>	Copy of co-pending U.S. application 10/622,064, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)
AT	<u>129</u>	Copy of co-pending U.S. application 10/622,087, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>130</u>	Adams, S.E., et al., "The expression of hybrid HIV-Ty virus-like particles in yeast," Nature 329:68-70, Macmillan Magazines, Ltd. (1987)
AS	<u>130</u>	Arnold, G.F., et al., "Chimeric Rhinoviruses as Tools for Vaccine Development and Characterization of Protein Epitopes," Intervirology 39:72-78, S. Karger AG, Basel (1996)
AT	<u>130</u>	Borisova, G., et al., "Spatial Structure and Insertion Capacity of Immunodominant Region of Hepatitis B Core Antigen," Intervirology 39:16-22, S. Karger AG, Basel (1996)

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>131</u>	Bruss, V., et al., "Functions of the Large Hepatitis B Virus Surface Protein in Viral Particle Morphogenesis," <i>Intervirology</i> 39:23-31, S. Karger AG, Basel (1996)
AS	<u>131</u>	Chackerian, B., et al., "Induction of autoantibodies to mouse CCR5 with recombinant papillomavirus particles," <i>Proc. Natl. Acad. Sci. USA</i> 96:2373-2378, National Academy Press (1999)
AT	<u>131</u>	Cummings, D.E., et al., "Plasma ghrelin levels after diet-induced weight loss or gastric bypass surgery," <i>N. Engl. J. Med.</i> 346:1623-1630, Massachusetts Medical Society (May 2002)

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	AR	<u>132</u>	Cummings, D.E., et al., "Elevated plasma ghrelin levels in Prader-Willi syndrome," <i>Nat. Med.</i> 8:643-644, Nature Publishing Company (July 2002)
	AS	<u>132</u>	Geysen, H.M., et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid," <i>Proc. Natl. Acad. Sci. USA</i> 81:3998-4002, National Academy Press (1984)
	AT	<u>132</u>	Guan, X-M., et al., "Distribution of mRNA encoding the growth hormone secretagogue receptor in brain and peripheral tissues," <i>Mol. Brain Res.</i> 48:23-29, Elsevier Science B.V. (1997)

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AR	<u>133</u>	Hosoda, H., et al., "Ghrelin and Des-acyl Ghrelin: Two Major Forms of Rat Ghrelin Peptide in Gastrointestinal Tissue," <i>Biochem. Biophys. Res. Commun.</i> 279:909-913, Academic Press (2000)
AS	<u>133</u>	Howard, A.D., et al., "A Receptor in Pituitary and Hypothalamus That Functions in Growth Hormone Release," <i>Science</i> 273:974-977, American Association for the Advancement of Science (1996)
AT	<u>133</u>	Jagadish, M.N., et al., "Chimeric Potyvirus-Like Particles as Vaccine Carriers," <i>Intervirology</i> 39:85-92, S. Karger AG, Basel (1996)

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	AP						Yes No

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AR	<u>134</u>	Kang, C.Y., et al., "Development of HIV/AIDS Vaccine Using Chimeric gag-env Virus-Like Particles," <i>Biol. Chem.</i> 380:353-364, Walter de Gruyter (1999)
AS	<u>134</u>	Kattenbeck, B., et al., "Defined Amino Acids in the Gag Proteins of Human Immunodeficiency Virus Type 1 Are Functionally Active during Virus Assembly," <i>Intervirology</i> 39:32-39, S. Karger AG, Basel (1996)
AT	<u>134</u>	Kirnbauer, R., et al., "Papillomavirus L1 major capsid protein self-assembles into virus-like particles that are highly immunogenic," <i>Proc. Natl. Acad. Sci. USA</i> 89:12180-12184, National Academy Press (1992)

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AR	<u>135</u>	Kirnbauer, R., "Papillomavirus-Like Particles for Serology and Vaccine Development," <i>Intervirology</i> 39:54-61, S. Karger AG, Basel (1996)
AS	<u>135</u>	Klovins, J., et al., "Nucleotide sequence of a ssRNA phage from <i>Acinetobacter</i> : kinship to coliphages," <i>J. Gen. Virol.</i> 83:1523-1533, Society For General Microbiology (June 2002)
AT	<u>135</u>	Kojima, M., et al., "Ghrelin is a growth-hormone-releasing acylated peptide from stomach," <i>Nature</i> 402:656-660, Macmillan Magazines, Ltd. (1999)

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	AP						Yes No

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	AR	<u>136</u>	McKee, K.K., et al., "Molecular Analysis of Rat Pituitary and Hypothalamic Growth Hormone Secretagogue Receptors," <i>Mol. Endocrinol.</i> 11:415-423, The Endocrine Society (1997)
	AS	<u>136</u>	Nakazato, M., et al., "A role for ghrelin in the central regulation of feeding," <i>Nature</i> 409:194-198, Macmillan Magazines, Ltd. (January 2001)
	AT	<u>136</u>	Porta, C., et al., "The Development of Cowpea Mosaic Virus as a Potential Source of Novel Vaccines," <i>Intervirology</i> 39:79-84, S. Karger AG, Basel (1996)

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AP						Yes No

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AR	<u>137</u>	Pumpens, P., and Grens, E., "HBV Core Particles as a Carrier for B Cell/T Cell Epitopes," <i>Intervirology</i> 44:98-114, S. Karger AG, Basel (March-June 2001)
AS	<u>137</u>	Roth, J-F., "The yeast Ty virus-like particles," <i>Yeast</i> 16:785-795, John Wiley & Sons, Ltd. (2000)
AT	<u>137</u>	Roy, P., "Genetically Engineered Particulate Virus-Like Structures and Their Use as Vaccine Delivery Systems," <i>Intervirology</i> 39:62-71, S. Karger AG, Basel (1996)

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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1700.0340001/BJD/SJE		APPLICATION NO. 10/622,124	
		APPLICANT BACHMANN et al.			
		FILING DATE July 18, 2003		GROUP 1645	

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	AL						Yes No
	AM						Yes No
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AR	<u>138</u>	Rueda, P., et al., "Minor Displacements in the Insertion Site Provoke Major Differences in the Induction of Antibody Responses by Chimeric Parvovirus-like Particles," <i>Virology</i> 263:89-99, Academic Press (1999)
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AT	<u>139</u>	Shuto, Y., et al., "Hypothalamic growth hormone secretagogue receptor regulates growth hormone secretion, feeding, and adiposity," <i>J. Clin. Invest.</i> 109:1429-1436, American Society for Clinical Investigation (June 2002)

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AR	<u>140</u>	Smiley, B.K., and Minion F.C., "Enhanced readthrough of opal (UGA) stop codons and production of <i>Mycoplasma pneumoniae</i> P1 epitopes in <i>Escherichia coli</i> ," Gene 134:33-40, Elsevier Science Publishers B.V. (1993)
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	AR	<u>143</u>	NCBI Entrez, GenBank Report, Accession No. NP_695026, from Inokuchi, Y., et al. (July 2003)
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